From: Stefanie Hansen

Claims Status

- 1. (Currently Amended) A cover for a pitot-static probe having a non-tapered probe section, said cover comprising: a braided poly-aramid fibers tubular body formed to provide a closed tail section and an open head section, said head section <u>including included</u> an inwardly extending annular fold defining a retaining pocket; a cylindrical silicone rubber ring carried in said pocket and forming <u>an inner end of said pocket into</u> a cylindrical passage having an interference fit with said <u>non-tapered probed section pocket</u>, said annular fold having an unsupported length <u>and flexibility</u> sufficient to allow said tubular body to axially shift relative to said pocket without overcoming said interference fit.
- 2. (Original) A cover for a pitot-static probe comprising: a probe cover body formed of a single length of braided heat resistant tubing forming a sleeve having a closed end and an open end, said open end having an integral inwardly depending fold forming a flexible annulus terminating with an annular pocket; an annular member in said pocket engaging said pocket to establish a diameter providing a compressive fit in assembly with said probe.
- 3. (Currently Amended) The probe cover as recited in claim 2 wherein said annular band member is a cylindrical ring formed of an elastomeric material.
- 4. (Currently Amended) The probe cover as recited in claim 3 wherein said annular band member is formed of a silicone rubber.
- 5. (Currently Amended) The probe cover as recited in claim 2 wherein said annulus is secured by stitching at an outer <u>end</u> to said tubing and wherein said annulus has sufficient length to permit said sleeve to telescope with respect to said pocket without overcoming said compressive fit.

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- 6. (Original) The probe cover as recited in claim 5 wherein said sleeve has a first ply extending from said head section to said second section overlaid on interior and outer surfaces by a second ply, the inner portion of said second ply adjacent said head section being folded to form said pocket of said annulus.
- 7. (Original) The probe cover as recited in claim 6 wherein the end of said first ply is retained between said second ply at said tail section thereby preventing frayed ends thereof interior of the cover.
- 8. (Original) The probe cover as recited in claim 7 wherein the end of said first ply is reversely formed to a circumferential hem at said head section thereby preventing frayed ends thereof interior of the cover.